WEEKLY STATUS REPORT

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BCP Project No.:	C224099	EPA Consent Order No.:	CERCLA-02-2017-2021	Date:	6/5/2020
Project Name:	BRT Powerhouse 153 2nd Street AKA 322 3rd Avenue, Brooklyn, NY 11215				

General Comments (Week of June 1, 2020):

- All work completed during this reporting period was completed in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP), dated December 2017 and the United States Environmental Protection Agency (USEPA)-approved Amendment to the Remedial Action Work Plan for PCB Cleanup, dated March 23, 2020.
- The site received an essential construction determination from the New York City Department of Buildings (NYCDOB) on April 17, 2020. The authorized essential work consists of remedial construction and bulkhead construction as described in the Essential Construction Request prepared by Roux Environmental Engineering and Geology, D.P.C., dated April 17, 2020.
- The site received an updated essential construction determination from the NYCDOB on May 19, 2020. The authorized essential work consists of continuing in-process concrete and masonry restoration, and includes installation of mechanical, electrical, plumbing, and steel as described in the Essential Construction Request prepared by PBDW Architects dated May 19, 2020.

Remediation Activities (Week of June 1, 2020):

- Brookside Environmental, Inc. (site remediation contractor) excavated at the two remaining sump locations (TH-SUMP-1 and TH-SUMP-1-Auxiliary) to expose and remove the metal plates that were temporarily placed over the sump openings to secure them prior to backfill, in preparation for the final 1.5 ft thick structural cap installation. All excavated soil was stockpiled on poly-sheeting.
- Brookside Environmental removed the metal plates from the remaining two sump openings (TH-SUMP-1 and TH-SUMP-1-Auxiliary) in order to inspect the condition of the previously poured concrete plugs and any water present. Brookside Environmental pumped the accumulated rainwater from the five exposed sump openings (TH-SUMP-1, TH-SUMP-1-Auxiliary, TH-SUMP-5, TH-SUMP-5-Auxiliary, and TH-SUMP-6), which contained between 14” to 23” of accumulated rainwater, in preparation for the structural cap installation. All water removed from the sumps during the structural cap installation process was pumped into 275-gallon totes and/or 55-gallon drums for future offsite disposal. All associated poly-sheeting, personal protective equipment (PPE), and absorbents generated during the remediation process were placed into 55-gallon drums for future offsite disposal.
- StructureTech New York, Inc. (site foundation/superstructure contractor) completed chipping concrete, drilling, installing rebar, and pouring the 1.5 ft thick structural cap at the remaining five sump locations (TH-SUMP-1, TH-SUMP-1-Auxiliary, TH-SUMP-5, TH-SUMP-5-Auxiliary, and TH-SUMP-6). At the five above-referenced sump locations, the total combined thickness of the remedial plug and structural cap is 3.5 ft. A concrete mix with a minimum compressive strength of 3,500 PSI (pounds per square inch) was used at the five sump locations. Atlantic Engineering Laboratories Inc. (site inspection/materials testing contractor) observed the installation process of the structural concrete cap and collected samples of the structural cap concrete for compressive strength testing. All concrete samples collected for compressive strength testing during the remedial plug and structural cap pours met the minimum compressive strength requirement of 3,500 PSI.

- Brookside Environmental backfilled at the five capped sump locations (TH-SUMP-1, TH-SUMP-1-Auxiliary, TH-SUMP-5, TH-SUMP-5-Auxiliary, and TH-SUMP-6) after the structural cap concrete had set. This completes the remediation of all ten sumps in the turbine hall.
- Brookside Environmental completed decontamination of the excavator used during the turbine hall sump remediation, the excavator bucket used to remove material from the turbine hall sumps, and the remaining eight metal plates used to temporarily seal the sumps. Roux personnel collected wipe samples from the decontaminated equipment and plates which were analyzed for polychlorinated biphenyls (PCBs). All samples yielded either non-detect results or results below the decontamination threshold of 10 micrograms per 100 square centimeters established in Title 40, Code of Federal Regulations (40 CFR) Section 761.79. The equipment was demobilized from the site and the metal plates were stored onsite for future use.
- Clean Harbors (site remediation contractor, U.S. EPA ID Number MAD039322250) removed approximately 4,370 gallons (approximately 16,065 kilograms) of PCB-contaminated water from the site via a vacuum trailer truck. The wastewater was generated during the turbine hall sump remediation scope of work. The water was disposed of offsite to Spring Grove Resource Recovery Inc., located at 4879 Spring Grove Avenue, Cincinnati, OH 45232 (U.S. EPA ID Number OHD000816629) for carbon absorption treatment.
- Clean Harbors removed 11 empty totes (approximately 1,045 kilograms) that previously contained PCB-contaminated water from the site via a box truck. The empty totes were generated during the turbine hall sump remediation scope of work. The empty totes were disposed of offsite to Clean Harbors Deer Park, located at 2027 Independence Parkway South, La Porte, TX 77571 (U.S. EPA ID Number TXD055141378) to be landfilled.
- Clean Harbors removed 23 drums of solid waste (approximately 6,783 kilograms) from the site via a box truck. The drums of solid waste contained soil, sediment, debris, PPE, poly-sheeting, and absorbents that were generated during the turbine hall sump remediation scope of work. The drums of solid waste were disposed of offsite to Clean Harbors Deer Park, located at 2027 Independence Parkway South, La Porte, TX 77571 for incineration.
- Clean Harbors removed 8 drums of liquid waste (approximately 1,816 kilograms) from the site via a box truck. The drums of liquid waste contained oily water that was generated during the turbine hall sump remediation scope of work. The drums of liquid waste were disposed of offsite to Spring Grove Resource Recovery Inc., located at 4879 Spring Grove Avenue, Cincinnati, OH 45232 for incineration.

Redevelopment Activities (Week of June 1, 2020):

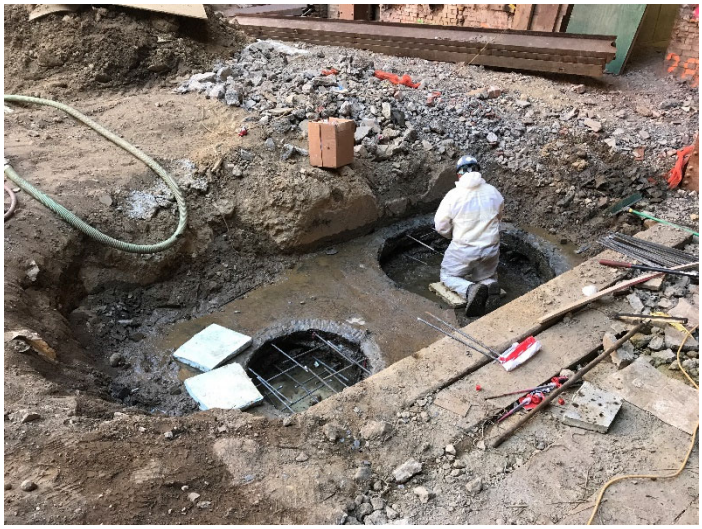
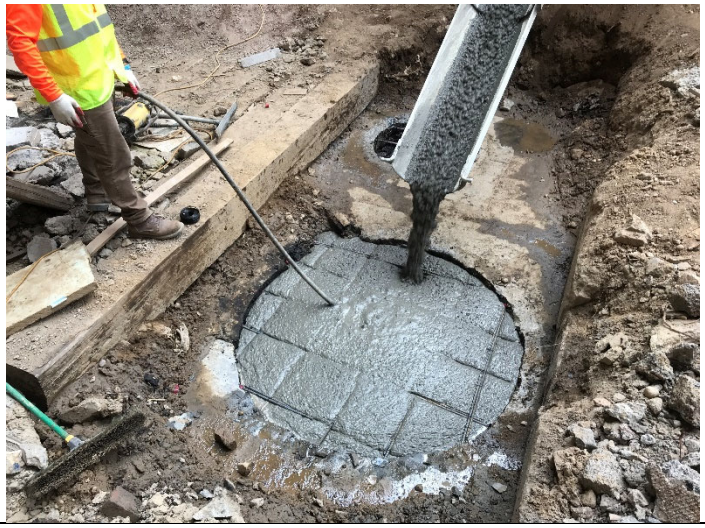
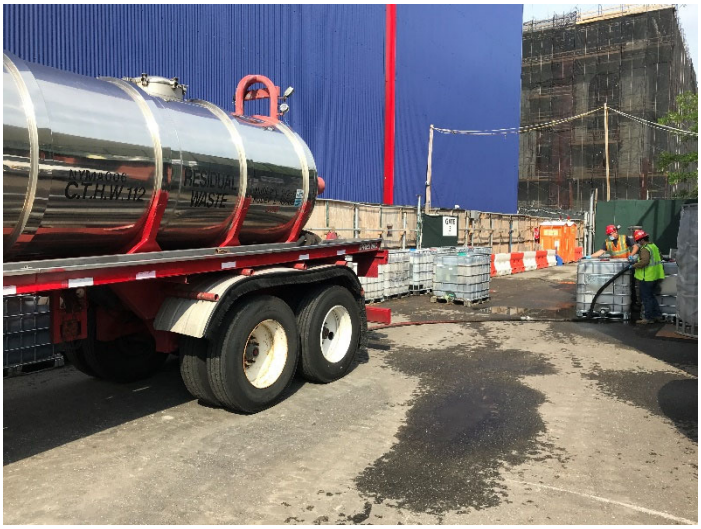
- Roux personnel completed weekly Stormwater Pollution Prevention Plan (SWPPP) inspection.
- Advanced Scaffold Services Mid-Atlantic LLC (site scaffolding contractor) continued construction of scaffolding and planking around the exterior of the turbine hall.
- Atlantic Engineering Laboratories continued inspection of elements of the boiler house superstructure construction, including rebar installation, existing brick conditions, and concrete pours.
- Centrifugal Electric, LLC (site electrical contractor) continued electrical installation at the fifth floor of the boiler house superstructure.
- Donato Plumbing Inc. (site plumbing contractor) continued plumbing sleeve installation at the fourth and fifth floors of the boiler house superstructure.
- Eastern Air Inc. (site HVAC contractor) continued HVAC installation at the fourth floor of the boiler house superstructure.
- Maspeth Welding Inc. (site steel contractor) continued preparing for steel installation/restoration in the turbine hall.
- New Roc Contracting Corp. (site masonry contractor) began restoration of the turbine hall parapet.

- Rock Group NY Corp. (site hoist contractor) completed maintenance of the boiler house superstructure hoist system.
- Structure Tech New York continued boiler house superstructure-associated redevelopment work, including construction of the fourth-floor walls, the fifth-floor columns, and the fifth-floor deck.

Planned Activities for next week:

- Continue offsite disposal of waste generated during the turbine hall sump remediation process.
- Install two temporary piezometers in the driveway to the east of the turbine hall in order to monitor groundwater elevation/fluctuation at the site to facilitate upcoming redevelopment work in the turbine hall. Continue redevelopment activities at the turbine hall and the boiler house superstructure consisting of continuing in-process concrete and masonry restoration, including mechanical installation, electrical installation, plumbing installation, and steel embedment.

Photo Log

Photo 1 – Facing north, StructureTech New York drills and installs rebar at the TH-SUMP-5 and TH-SUMP-5-Auxiliary openings in preparation for the upcoming structural cap concrete pour.	
Photo 2 – Facing south, StructureTech New York pours the structural concrete cap at TH-SUMP-5 and TH-SUMP-5-Auxiliary.	
Photo 3 – Facing west, Clean Harbors uses a vacuum trailer truck to remove PCB-contaminated water from the totes generated during the turbine hall sump remediation for offsite disposal.	

- Fill Stockpile
- Demolition
- Backfill
- Excavation
- Steel Work
- Installed Support of Excavation (SOE)
- Boiler House Superstructure Work
- Seepage Basin
- 1.5-ft Structural Cap Installation Complete